Rate:

Friday, 08/05/2009 11:23:22 AM

User: Julie Dawson

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Drawing Name

: SUPPORT (412 AFT)

Job Number

: 47820 : 11060

Estimate Number P.O. Number

S.O. No. : : 08/05/2009

Part Number

: D28961

This Issue Prsht Rev.

Previous Run

: NC

: 08/05/2009 Type **Drawing Number**

: D2896 UNDER REVIEW

Project Number Drawing Revision

Material

: B

Due Date

: 15/05/2009

20 Um:

Each

Written By

First Issue

Checked & Approved By Comment

: 43209

Reformat; Added P/O; Added mask hole KJ : Est: B 02.11.26

Est Rev:C As per Rev B 07-04-16 JLM

D 08.03.19 Re-format EC verified by DD

: MACHINED PARTS

Additional Product

Job Number:



Seq. #:

1.0

Description: Machine Or Operation:

DSK080

D2896-1 TURNING DETAIL



Comment: Qty.: 0.5000 Each(s)/Unit Total: 10.0000 Each(s)

> D2896-1 TURNING DETAIL Batch: #4340

09/05/17

2.0 HAAS1 HAAS CNC VERTICAL MACHINING #1



Comment: HAAS 1

Machine as per Folio FA167

Tumble & Deburr

3.0 QC1





Comment: INSPECT ALL DIM TO DIM SHEET

4.0 QC8 SECOND CHECK



Comment: SECOND CHECK

5.0 HAND FINISHING HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Mask. 20.625" and face and bore as per Detail D and note 4 hole prior to paint

09-06-03

MASK EVERYTHING BUT BURE \$ 19.06.04

Page 1

Form: rprocess

Dart Aerospace Ltd

W/O:			WORK ORDER	CHANGES				
DATE	STĘP		PROCEDURE CHANGE	(Carrier de la carrier de la c	By Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
69.05.68	5	No POWDER	COAT, PRIME BORE ONLY	A Second			09.05.08	ho. ii
							psi on	Oxbus
	•			Parties (1997) Ser New Yang				

Part No: D2896-1	PAR #:		Fault Category:	NCR: Yes No DQA:	Date: 0 060
Resolution:	•••	,	Disposition:	• QA: N/C Closed:	Date:

NCR:4	1820	W	ORK OR	DER NON-CONFORMANCE	E (NCR)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng	Verification Section C	Approval Chief Eng	Approval QC Inspector	
69.05.74	\$ 7_	width 15 3.765 (3.780 Nom) on Oty(2) MAT'L was removed to correct is mispant		Payens Batch # 47820 By HAND	Date	88,	09.05.28 PO 051.042	185 do-cy
			013.					

NOTE: Date & initial all entries

Friday, 08/05/2009 11:23:22 AM Date: Julie Dawson User: **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: SUPPORT (412 AFT) Job Number: 47820 Part Number: D28961 Job Number: Seq. #: **Description: Machine Or Operation:** POWDER COATING POWDER COATING 6.0 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3 NA PG.05,08 START TIME: OVEN TEMPERATURE: FINISH TIME: INSPECT POWDER COAT/CHEMICAL CONVERSION 7.0 .QC3 Comment: INSPECT POWDER CONT SPRAY PAINTING SPRAY PAINTING 8.0 **Comment: SPRAY PAINTING** 09-06-03 Prime Bore as per QSI 005 4.2. INSPECT SPRAY PAINT 9.0 QC14 *09.06*:03 Comment: INSPECT SPRAY PAINT PACKAGING 1 PACKAGING RESOURCE #1 10.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: FINAL INSPECTION/W/O RELEASE 11.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

Dart	Aeros	pace	Ltd
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W/O:		WORK ORDER CHANGES										
DATE	STEP	PROC	EDURE CI	HANGE			Ву	Date (Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
							,					
						•						
Part No		PAR #:										
	R	esolution:	_ Disposit	tion:		QA	N/C Clo	sed:		_ Date: _		
NCR:					N-CONFORM						•	
DATE	STEP	Description of NC		·		ction B		Verificat	ion	Approval	Approval	
DAIL	SIEF	Section A	Initial Chief Eng	Ac	tion Description Chief Eng		Sign & Date	Section		Chief Eng	QC Inspector	
				·								
							:					
<u> </u>												
		,				,						
										•		
			1						i			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order: 47820
Description: Support	Part Number: D2896-1
Inspection Dwg: D2896 Rev: B	Page 1 of 1

		FIRST ARTIC	CLE INS	PECTION	DIMENSIC	N SHE	ET	
		X	First Ar	ticle	Prototy	ype		
					Record	Actual D	imensions	
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	5
			Н	AAS Sectio	n			
-AA	2.152	2.172		2162	262		~~~	—
AB	2.340	2.360	2347	2.347	2.36	2,352	2.3525	2.354
AC	3.550	3.560		3.550	3.558	3.55		3.557
AD	3.770	3.790		3.780	3.782	3.78	3.782	3,783
AE	0.065 x 0.315	0.085 x 0.335			0.075%0.325	.75 x ?	325 .75x.32	5.475 x 325
AF	1.42	1.48		1.445	1,449	D,450	1.452	1,452
AG	0.833	0.853		0.843	0.844	0,847	0.846	0.898
AH	0.240	0.260		0,250	0.250	0.25	0.250	0.250
Al	0.261	0.266		0,262	0.262	0.26	2 0.262	0.262
AJ	0.189	0.194		0,192	0,192	@1192		0,/92
AK	1.990	2.010		2,000	2.002	2,00	0 2.000	2.000
AL	0.625	0.630		0.6265	0.6265	0,62	7 0,627	0,6265
AM	101.75	105.75		103.75	103.75	63.7	5 63.75	63.75
AN	0.053	0.073		0.063	0.063	0.06	50°C E	0.063
-AO	0.928	0.946	~~	 				$\overline{}$
AP							;	
AQ								
AR								
	Ensure	that Ø0.625" b	ore is p	erpendicula	ar to 1.764"	bore w	ithin 0.005"	
		Acce	ot/Reject					
						, , , , , , , , , , , , , , , , , , , 		/
	Measured by	: DIN				Dat	te: 09/05/	19
		05					1/5	
	Audited by	: >r				Dat	e: 09/05/8	OO
							///	
Prot	otype Approval	:			<u> </u>] Da	te:	<u> </u>
					•	1		
Rev		ange					Revised by	Approved
A	02.12.13 Ne	w Issue			•		KJ/RF	

Rev	Date	Change	Revised by	Approved
A	02.12.13	New Issue	KJ/RF	
В	04.05.27	Dimension AE changed	KJ/RF	<u> </u>
С	06.11.22	Note added to HAAS section	KJ/JLM	
D	07.04.16	Dimsheet updated per Dwg Rev. B	KJ/JLM , ,	-1
E	08.04.22	Reformat	KJ/JLM 🚓	

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	Work Order:	47820
Description: Support	Part Number:	D2896-1
Inspection Dwg: D2896 Rev: B		Page 1 of 1

		FIRST ARTIC	CLE INS	PECTION	DIMENSIO	N SHEET		
		X	First Ar	ticle [Prototy	/pe		
	-				Record	Actual Dime	ensions	
Dim	Min	Max	Go/No Go Gauge	6	7	8	9	10
			Н	AAS Section	n			
~AA~	2.152	2.172			\sim			
AB	2.340	2.360		2.356	2.353	2,351	2.357	2.357
AC	3.550	3.560		3,559	3,557	3,556	3,558	3,558
AD	3.770	3.790		3,784	3.781	3.782	3,792	3,782
AE	0.065 x 0.3	15 0.085 x 0.335		1075×.325	1075 x .325		,015 x,330	
AF	1.42	1.48		1.452	1,450	1,450	1,459	1.450
AG	0.833	0.853		0.851	0.849	0.849	-845-	1847
AH	0.240	0.260		0.250	0,250	.250	, 250	1250
AI	0.261	0.266		0.262	0,262	.262	,2615	. 2615
AJ	0.189	0.194		0.192	0'. 192	.192	11915	11915
AK	1.990	2.010		2,004	2.000	1,999	2,002	2,001
AL	0.625	0.630		0,6265	2,000	0,6265	,6265	.6265
AM	101.75	105.75		63.75	63.75	103.75	103.75	103,75
AN	0.053	0.073		0,063	0.063	0,063	.063	1063
AO	0.926	0.946						
AP					,			
AQ		*****						
AR				-				
	Ensu	re that Ø0.625" b		erpendicula	r to 1.764"	bore withi	n 0.005"	
		Accep	ot/Reject					
	Measured	by:	\$	- 1.0		Date:	09/05/2	20/09/05/2
	Audited	by:				Date:	09/05/3	O
Proto	otype Appro	val:		· · · · · · · · · · · · · · · · · · ·		Date:		
Rev	Date	Change	•			Rev	ised by	Approved
Α		New Issue				KJ/		
В		Dimension AE char	nged			KJ/	RF	
C		Note added to HAA		-83			JLM	
D		Dimsheet updated		Rev. B			JLM ,	-1
E		Reformat					JLM	7711

RT AEROSPACE LTD scription: Support	Work Order: リ78ン0
Description: Support	Part Number: D2896-1
Description: Support	r dit itulliber. D2030-1
Inspection Dwg: D2896 Rev: B	Page 1 of 1

FIRST ARTICLE INSPECTION DIMENSION SHEET

		FIRST ARTIC			 1			
		X	First Ar	ticle	Prototy	/pe		
					Record	Actual Dim	ensions	
Dim	Min	Max	Go/No Go Gauge	11	12	13	14	15
			Н	AAS Section	1		••	
ΑΑ-	2.152	2 172					I	
AB	2.340	2.360	•	2.354	2.354	2.356	2.351	3 2
AC	3.550	3.560		3,558	3.558	3,556	3.559	3.958
AD	3.770	3.790		3.781	3.784	3, 784	3.785	3,743
AE	0.065 x 0.315	0.085 x 0.335		.075 + .325	.075 x .325	.075 1,335	1015×1335	
AF	1.42	1.48		1.449	1.449	1.454	1.448	1.448
AG	0.833	0.853		1846	1848	,851	1847	1852
AH	0.240	0.260	,	, 250	.250	,250	.250	1250
Al	0.261	0.266		. 262	.262	,262	,2615	,262
AJ	0.189	0.194	•	.192	.192	11915	1915	1192
AK	1.990	2.010		2,003	1,993	1.997	2.001	1,997
AL	0.625	0.630		,626	. 626	.626	.626	1627
AM	101.75	105.75		103.75 .	103.75	103.75	103.75	103.75
AN	0.053	0.073		.063	.063	, 063	.063	.063
A0-	0.028	0.946						
AP	·							
AQ								
AR					-			
-	Ensure	that Ø0.625" b	ore is pe	erpendicula	r to 1.764"	bore with	in 0.005"	
	Measured b					Date:	09/05-/2	20
	Audited by	/: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				Date:	09/05	/30
Prot	otype Approva	ıl:	•			Date:		
Rev	Date C	hange				Re	vised by	Approved
Α		ew Issue					/RF	
В		mension AE chan	ged				/RF	
Ċ		ote added to HAA					/JLM	
D		msheet updated p		Rev. B			/JLM ,	1
							/JLM ox	

DART AEROSPACE LTD		Work Order: 47820			
Description: Support		Part Number:	D2896-1		
Inspection Dwg: D2896	Rev: B		Page 1 of 1		

		FIRST ARTIC	LE INS	PECTION	DIMENSIC	N SHEET					
		X First Article P			Prototy	otype					
					Record Actual Dimensions						
Dim	Min	Max	Go/No Go Gauge	16	17	18	19	20			
· HAAS Section											
AA	>2.152	2.172									
AB	2.340	2.360		3,2.351	2.351	2.3545	2.354	2,353			
AC	3.550	3.560		3.556	3,557	3,555	3,557	3,559			
AD	3.770	3.790		3.785	3.786	3.784	3,784	3,786			
AE	0.065 x 0.31	5 0.085 x 0.335		1615x 1355	.075x329	.075x.326	1075x.325	1075×.325			
AF	1.42	1.48		1.461	1.452	1.451	1.452	1.452			
AG	0.833	0.853		, 849	0,850	0.849	0.849	0.849			
AH	0.240	0.260		,250	0,250	0.250	,250	,250			
Al	0.261	0.266		,262	0,262	0.262	1262	,262			
AJ	0.189	0.194		, 1918	0.192	0.192	.192	1/52			
AK	1.990	2.010		2,005	2,008	2.006	2,007	2.003			
AL	0.625	0.630		1627	0.627	0.627	,627	627			
AM	101.75	105.75		103.75	103.75	103.75	103.75	63,75			
AN	0.053	0.073		.063	0.063	0.063	,063	,063			
_AQ	0.926	0.946									
AP											
AQ											
AR											
Ensure that Ø0.625" bore is perpendicular to 1.764" bore within 0.005"											
ļ. <u> </u>		Accep	t/Reject	l							
						· -	0/-/	/10			
Measured by: Date: 09/05/23											
Audited by: Date: 09/05/30							30				
						, L	<u> </u>				
Prototype Approval: Date:											
Rev	Date (Change						Approved			
Α	02.12.13	New Issue	KJ/RF								
В	04.05.27	Dimension AE chan	KJ/								
С		Note added to HAAS section KJ/JLM									
D		Dimsheet updated p	er Dwg R	Rev. B			JLM LA				
E	08.04.22	Reformat				KJ/	JLM OX	GM			

